



|            |                                  |
|------------|----------------------------------|
| Estudiante | Rubio Daza Willington (wirubiod) |
| Jugada No. | 5                                |
| Participó  | Si                               |

## COSTOS DE LA PLANEACIÓN AGREGADA

| Período    | Inventario | Costo MOD   | Costo Contratar/<br>Despedir | Costo Inventarios | Costo Subcontratar | Costo Período |
|------------|------------|-------------|------------------------------|-------------------|--------------------|---------------|
| Enero      | 3,944      | \$3,000,000 | \$500,000                    | \$11,832,000      | \$0                | \$15,332,000  |
| Febrero    | 7,867      | \$3,000,000 | \$0                          | \$23,601,000      | \$0                | \$26,601,000  |
| Marzo      | 11,790     | \$3,000,000 | \$0                          | \$35,370,000      | \$0                | \$38,370,000  |
| Abril      | 15,713     | \$3,000,000 | \$0                          | \$47,139,000      | \$0                | \$50,139,000  |
| Mayo       | 19,636     | \$3,000,000 | \$0                          | \$58,908,000      | \$0                | \$61,908,000  |
| Junio      | 23,559     | \$3,000,000 | \$0                          | \$70,677,000      | \$0                | \$73,677,000  |
| Julio      | 27,482     | \$3,000,000 | \$0                          | \$82,446,000      | \$0                | \$85,446,000  |
| Agosto     | 31,405     | \$3,000,000 | \$0                          | \$94,215,000      | \$0                | \$97,215,000  |
| Septiembre | 35,328     | \$3,000,000 | \$0                          | \$105,984,000     | \$0                | \$108,984,000 |
| Octubre    | 39,251     | \$3,000,000 | \$0                          | \$117,753,000     | \$0                | \$120,753,000 |
| Noviembre  | 43,174     | \$3,000,000 | \$0                          | \$129,522,000     | \$0                | \$132,522,000 |
| Diciembre  | 47,097     | \$3,000,000 | \$0                          | \$141,291,000     | \$0                | \$144,291,000 |

|                         |               |
|-------------------------|---------------|
| Costo Total             | \$955,238,000 |
| Costo Unitario Promedio | \$11,055      |

## MEDIDAS DE DESEMPEÑO

|                           |        |
|---------------------------|--------|
| Tasa de utilización de la | 72.21% |
|---------------------------|--------|



|                                    |        |
|------------------------------------|--------|
| capacidad                          |        |
| Tasa de eficiencia de la capacidad | 18.21% |
| Colchón de capacidad               | 27.79% |

## PROGRAMACIÓN DE LA PRODUCCIÓN

|                          |               |
|--------------------------|---------------|
| Makespan                 | Viernes 15:00 |
| Tiempo de flujo promedio | 36.4 Horas    |
| Retardo                  | 38 Horas      |
| Tardanza media           | 11.3 Horas    |
| Tardanza ponderada       | 311           |